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(11) EP 0 950 964 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
24.11.1999 Bulletin 1999/47

(51) Int Cl.<sup>6</sup>: G06F 17/30

(43) Date of publication A2:  
20.10.1999 Bulletin 1999/42

(21) Application number: 99302862.0

(22) Date of filing: 13.04.1999

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
Designated Extension States:  
AL LT LV MK RO SI

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(30) Priority: 14.04.1998 US 59204

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(54) A method and apparatus for displaying references to a user's document browsing history within the context of a new document

(57) An electronic document reader supplements a new document with selectable links that reference portions of previously read documents that have content similar to a passage of the new document. The portions of the previously read documents may be previously identified and stored in a memory to expedite processing. The portions of previously read documents are identified by annotations or explicitly by a user. The identified portions are indexed, clustered and are used as proxies for topics. This invention segments a new document into

passages and matches the passages to the stored topics based on the similarity of the content. The topics that exceed a content similarity threshold cause corresponding selectable links to be displayed in the display of the new document near the corresponding passage. The user of this invention can then choose to follow the selectable link to learn more about the topic of the corresponding segment. In this manner, this invention aids a reader in connecting material in the new document with material in previously read documents.

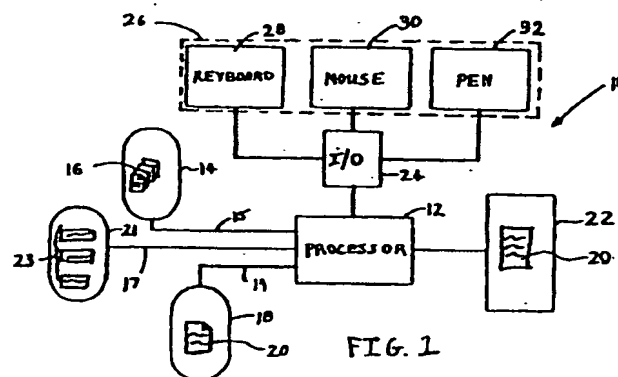


FIG. 1

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## EUROPEAN SEARCH REPORT

Application Number

EP 99 30 2862

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 September 1999	Examiner Abbing, R
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>Y : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</p>			

SPO FORM 1403 (03.03.99) (P04011)



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## EUROPEAN SEARCH REPORT

Application Number

EP 99 30 2862

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A	CHANG D T: "HieNet: a user-centered approach for automatic link generation" FIFTH ACM CONFERENCE ON HYPERTEXT PROCEEDINGS, PROCEEDINGS OF HYPERTEXT '93, SEATTLE, WA, USA, 14-18 NOV. 1993, pages 145-158, XP002116595 1993, New York, NY, USA, ACM, USA ISBN: 0-89791-624-7 * table 1 * * figure 5 *	1,4	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>27 September 1999</b>	Examiner <b>Abbing, R</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1533 (04/99) (p.01)

ANNEX TO THE EUROPEAN SEARCH REPORT  
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